

REVOLUTION OF ELECTRICITY

Increasing Output Under Better Conditions

Has Proven A Boom in Our Agricultural Problems.

To those who can remember when electricity was only a toy in the laboratory, the extent to which it has now woven itself into our daily life seems always most marvellous. No degree of familiarity to which it may attain will suffice to breed contempt in this particular case. This ingenuity of use is due very largely to the discovery of effective, inexpensive, and convenient motors that may be run by electricity, and of similarly effective methods of generating just the kind of electricity that will run them. Add to this the use of its power of heating resisting materials, which gives us electric light and heat, and its ability to travel for long distances either by conduction or radiation, which gives us the various telegraphic and telephone systems, and the tale is briefly told. Not so, however, if we wish to examine its services in detail to each branch of the industry, science, or art. This is done by Dr. J. Sedgell in an article contributed to The Scientific American Supplement (New York). After treating at some length of electrical transportation, he goes on to say:

"To agriculture electricity has proved a boon, eliminating the drawbacks connected with the scarcity of manual labor."

The extent to which electricity now controls agriculture can be inferred from the use of electrical machinery for many operations which have previously been done exclusively by manual labor with a considerable expenditure of time and energy. The adoption of electrical ship-shaping machines has, for instance, increased tenfold the output of each operator, while reducing to one-tenth the time required for a process so hideous to the animal. Milking is done mechanically by electric means, thus sparing the animal and ensuring a cleanliness and hygienic operation hitherto impossible.

If electricity in these fields has been a useful helpmate, it has borne a mighty ruler in the realm of industry and trade. The concentration in the production of energy, simplicity of power transmission, and possibility of power distribution down to the smallest units have made possible the virtuous career.

The present tendencies of specialization and production on a large scale in a series of successive stages have been promoted by electricity, while the reduction in the cost of operation, elimination of manual labor, improvement in the social and hygienic condition of all branches of industry have brought about more powerful developments than have been witnessed in so short a time in any field of human activity."

As for the artisan, the electric motor is not less important to him than to industrial workmen. Many small industries which were nearing extinction have been again placed on a working basis by electricity. Wholesale tailors who formerly delivered eight suits per week are now enabled by electrically operated machines and electric flatirons to earn many times more than previously with less exertion and in healthful surroundings. Bakers are adopting electrically driven kneading-machines. The carpenter, instead of transporting heavy logs into his workshop, or working them laboriously by hand on the spot, now uses portable electric drills on the building site much more rapidly, conveniently and satisfactorily. The same kind of thing is done by butchers, locksmiths, jewelers; in fact, there is no artisan who could not advantageously replace human labor by electric motors, increasing the output, improving its sanitary and social conditions, and raising his standards. To quote further:

"Less striking, tho' of no smaller importance, is the function of electricity in the realm of science. Apart from its own intrinsic interest as a separate branch of science, it has stimulated and led to successful work its older sister sciences, expanding the realm of chemistry and physics, endowing them with new means of observation and more efficient means, and thus preparing new and important results."—*Century Digest*.

When you have a bilious attack give Chamberlain's Tablets a trial. They are excellent. For sale by all druggists.

OLATON.

Dec. 4.—Mrs. Mack Brainer, of Iowa, is the guest of W. B. McDaniel and John R. Brainer on Church street.

Mrs. Maggie Patterson arrived Monday from Lexington, Ky., to be the guest of John F. Allen and wife and attend

the bedside of little Ethel Mabel Allen who is dangerously ill.

Mr. Dunk Hall, Olaton, and Archibald Mitchell, New Baymuns, made a business trip to Dundee Monday.

Mr. Joe L. Smith and family visited relatives at the Falls of Rough.

Mr. Wesley D. Dohr, wife and daughter Jessie Elizabeth Dohr, and Miss Jessie Alvina Hall of Piedmont spent Sunday afternoon at the guests of the Misses Mooley on Church street.

Mrs. Melvina Hall spent Sunday at the guest of her son, G. W. Hall and wife at McCrae Creek, Dawson Co.

Mr. John R. Brainer who has been in failing health since early in the summer, is quite ill at his home on Church street, having grown worse since Friday.

The infant child of Mr. and Mrs. George Cuthbert has been quite ill at the home of its parents on the Lexington road but is somewhat improved at this time.

Rev. F. M. Harris is ill.

The little son of Mr. and Mrs. Otto Conner was severely burned last week. We suppose the child fell into the open fireplace, its clothes being ignited from the flames.

The following changes of residence are contemplated: Fred Mitchell and wife remove from N. B. White's, Olaton route 1, to the Mart Mitchell farm near New Baymuns; Archibald Mitchell who at present resides at this place, removing within the next few days to Joseph M. Miller's farm at Wilson's Crossing, and Mr. John Pryor going to C. R. Daniel's farm, Mr. Daniel having recently moved from that place to his father's farm, near the old Methodist Parsonage.

Mr. J. B. Mitchell has moved from his farm, Olaton route 1, to Dundee.

Mr. Sunbeam has moved from Piedmont to his farm on the Dundee road near Olaton.

Mr. Bert Spinks spent the weekend at Vine Hill as the guest of Mr. John Clark.

Mrs. W. H. Stevens, Mrs. Charlotte Stevens and daughter, little Miss Ruby Stevens, spent Thursday afternoon as a guest of Mrs. Melvina Hall, on the Dundee road.

The local freight wrecked one mile north of town late Tuesday afternoon last week. Four cars are said to have left the track. Passenger train due at Olaton at 3:25 p.m. enroute to Cincinnati, was delayed until after midnight.

Ethel Myrtle, the Samson-weld Foster daughter of Mr. and Mrs. John Allen has been quite dangerously ill the past several days.

God is being made manifest to a few hearts at Olaton, and to those who are becoming lost to the world that they may be found of Him, are daily pursued that He is the Power for good, the One mighty and able to save, and more abundantly more than we are able to believe. And to our ears are whispered that eve the year 1912 shall have ended another disciple will have been ordained of Him for the delivering of those messages that will be meat to those hungry souls that are so perishing for that nourishment that alone is able to sustain. God's hand uphold him that he may prove a "workman that needeth not to be ashamed, rightly dividing the word of truth."

How's This?

We offer One Hundred Dollars Reward for any case of catarrh that cannot be cured by Hall's Catarrh Cure.

F. J. CHENEY & CO., Toledo, O. We the undersigned, have known F. J. Cheney for the last 35 years and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by his firm.

WALDING, KINNAN & MARVIN.

Wholesale Druggists, Toledo, O. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 75 cents per bottle. Sold by all Druggists.

Take Hall's Family Pills for constipation.

Essay On Pants.

Pants are made for men. Pants are like molasses—they are thinner in hot weather and thicker in cold. Men are often mistaken in pants; such mistakes are breaches of promise. There has been much discussion whether pants is singular or plural. Seems to me when men wear pants it is plural, and when they don't wear pants it is singular. Men go on a tear in their pants and it is all right, but when the pants go on tear it is all wrong. If you want to make pants last, make the coat first.—*Masonic Home Journal*.

End's Hunt for Rich Girl.

Often the hunt for a rich wife ends when the man meets a woman that uses Electric Bitters. Her strong nerves tell in a bright brain and even temper. Her pale complexion and ruddy lips result from her pure blood; her bright eyes from restful sleep; her slender step from trim, fine muscles, all telling of the health and strength Electric Bitters give a woman, and the fragrance from indigestion, rheumatism, headache, fainting and dizzy spells they prevent. Everywhere they are women's favorite remedy. If weak or ailing try them, at all druggists.

BOOM IS MADE IN ROAD BUILDING

During 1912 About \$150,000,
000 Has Been Spent To Im-
prove U. S. Highways.

Mount Carmel, Ill., November 21.—Persons opposed to building good roads or failing to contribute in any way to the rebuilding in this country, are unquainted with the annual savings of good roads and of the antiquity of good roads.

The total mileage of all the roads in the United States is 2,513,579 miles. Not quite 20,000, or 0.1 per cent are now improved, according to modern methods, leaving more than 99 per cent of mud and dirt highways. Beyond the saving in the way of wagon transportation the annual saving already reaches over this comparatively small improved portion, close to \$100,000,000. From this it can be seen that if all the roads were put in good condition the annual saving would be about \$1,000,000,000. The initial cost of improved highways is the only real expense.

The upkeep of improved roads amounts to practically nothing—for instance, the brick road. It is unknown how long it will last, but there are many roads of this character, which have been down for 20 years and have grown better as time goes on. Striking examples can be seen of this all over the country, and brick manufactured to-day is of more durability than that which was made two decades back. The same is also true of stone.

After a road has been used for a considerable period, if the material chips a little, it will never chip sufficiently to become rough; it furnishes a firmer footing for horses in snowy and rainy weather and thus the ability to haul heavy loads every time is increased with no added wear upon the vehicle. The present year illustrates the interest which is being taken by the general public in road building. Something like \$100,000,000 has been spent by different states for wagon road improvements. New York alone has made an appropriation of \$20,000,000 and California has second in the amount given. Ohio defeated a proposition to issue \$100,000 in bonds, as proposed in the constitutional amendment, but the Legislature will be asked to make a direct levy for the work.

We wish to call your attention to the fact that most infectious diseases such as whooping cough, diphtheria and scarlet fever are contracted when the child has a cold. Chamberlain's Cough Remedy will quickly cure a cold and greatly lessen the danger of contracting these diseases. This remedy is famous for its cures of colds. It contains no opium or other narcotic and may be given to a child with implicit confidence. Sold by all druggists.

A Paradox.

Miss Eleanor Sears is witty as she is athletic, and Boston has recently been smiling at one of her "moats." Miss Sears, so the story runs, was discussing at a tea the strange, softening effect upon the heart that the sausages seems to occasion.

"This effect was amazingly brought out," she said, "at Coronado Beach in March. There was a house party there, including six young men and six girls. You'd hardly believe it, but"—Miss Sears smiled grimly. "You'd hardly believe it," she said, "but on their departure from Coronado there were thirty-six engagements in the party."—*Boston Post*.

A Des Moines man had an attack of muscular rheumatism in his shoulder. A friend advised him to go to Hot Springs. That meant an expense of \$5 or more. He sought for a quicker and cheaper way to cure it and found it in Chamberlain's Liniment. Three days after the first application of this liniment he was well. For sale by all dealers.

Churches Make Inducements.

The idea seems to be epidemic among the Protestant preachers of this country that something in addition to religion, and, indeed, very different from religion, is necessary to induce people to attend church.

Leading divines of St. Louis, Denver and Brooklyn have declared that the church, like a mercantile enterprise, requires publicity-advertising—if it is to achieve the greatest good for the greatest number.

"Competition is as keen in the church as in other walks of life," says one of these, "and the church that does the most business is the one that does the most and the best advertising."

"All modern Sunday schools," says another, "should have their advertising men and bureaus of publicity, just as the modern mercantile establishments have their accountants."

All of which, no doubt, has in it a great deal of practical sense.

But this method is extremely mild and tame beside that of the New York pastor who has introduced vaudeville

into his Sunday night services.

This pastor, whose Baptist church is in the midst of a Sunday-night theater district, has made up his mind that he isn't going to let the shows take his congregation away from him without a fight, and he has introduced into his Sunday night services a whistling girl and "the largest and most complete set of musical glasses ever played before the public."

He is getting the crowds all right. But what the crowd gets is the question.

May be a little religion opportunity sandwiched in entertainment is better than none.

Maybe the religion that is subordinated underneath things is worse than not at all.

Never yet did all people agree upon any religious question. Nor will they agree on this.

The pity is that the preachers who are worrying over vacant pews don't realize that religion itself, properly preached, is the most attractive thing that can be put into a pulpit.—*Louisville Herald*.

Man Coughs and Breaks Rib.

After a fitful coughing spell a man in Neenah, Wis., felt terrible pains in his side, and his doctor found two ribs had been broken. What saved Dr. King's New Discovery would have saved him. A few teaspoonfuls ends a late cough, while persistent use prevents obstinate coughs, expels asthmatic colds or leads weak sore lungs. "I feel sure it's a 'Godsend to humanity,'" writes Mrs. Effie Morton, Columbia, Mo. "I believe I would have consumption today, if I had not used this great remedy." Its guaranteed to satisfy, and you can get a free trial bottle or 50 cent or \$1.00 size at all druggists.

X X

CHRISTMAS.

X X

X Christmas comes but once a year. X Let's enjoy it while it's here. X

X Eat your turkey without fear. X Never pause to shun a treat. X

X Should you feel a little queer, X Arise wings or running gear. X

X Neck and bunion's nose system. X

X Take a pill a'Plock Throat. X

X He who never dares to eat. X

X Waffles, eggs or sausages neat. X

X Noticing sour, nothing sweet. X

X Lives a week on shredded corn. X

X Never smoked since he was born. X

X Whippin's all he ever drinks. X

X Living low, he highly thinks. X

X Christmas turkey, Christmas pie. X

X Christmas pudding, Christmas cake. X

X Merry Christmas, Merry week. X

X Happy New Year, Very much. X

—Buckingham.

X X

Children Cry FOR FLETCHER'S CASTORIA

Will Preparation for Pa name

Five South American republics are said to be spending \$25,000,000 in developing their waterways, harbors and railroads for the opening of the Panama Canal. European and Asiatic nations are spending additional millions, which, taken with the South American outlay, far exceeds the cost of the canal's construction—\$40,000,000.

Japan and China are building more ships in anticipation of their enlarged traffic through the Panama. European governments are said to have instructed their consular and diplomatic agents to report on every phase of trade advantage expected to accrue. It is doubtful if the average American fully appreciates the world-wide importance of this task his nation is about to complete. It is certain he does not realize what an influence this international highway will have upon the commerce of the world, to say nothing of that of his own country. Yet the United States will be found ready, it is hoped, for every duty and demand imposed by the opening of the canal.

This stupendous work of preparation by other nations suggests plainly that sentiment is not going to control the patronage of the Panama. Nations will use it because it will pay them to do so knowing that the United States would not, and could not if they would, practice unfair discrimination upon them.

If you are troubled with chronic constipation, the mild and gentle effect of Chamberlain's Tablets makes them especially suited to your case. For sale by all dealers.

General Farm Notes.

Calves and pigs may be pastured on winter wheat in the fall and winter without injury to the crop. Turn sheep only when the ground is dry or frozen.

Corn stalks are often difficult to handle when mixed with manure, yet they make good absorbing material and none should be wasted. When they are tramped in deep manure and allowed to remain for some weeks, they become rotten and easy to work.

Cool weather is the best time to paint farm buildings. When the weather is cool, fresh paint will harden into a smooth coat. Use plenty of oil in the first coat, working it well into the wood and cracks. More white last

OVERCOATS RAINCOATS AND SLICKERS!

The overcoat proposition is demanding your attention now. You are thinking about where you can go to find the best coat and the greatest variety from which to make a selection. We mean to say that we are showing the greatest variety of patterns in this part of Kentucky. We are the sole distributors of

Hart Schaffner & Marx

Overcoats the best in the country. We have the newest material made in the best styles. We simply ask you to come in and look them over.

Our Rain Coats are long and roomy and made of fabrics chemically treated and shed the water satisfactorily.

We sell the famous Sawyer Slickers guaranteed strictly waterproof and hide a man from neck to toes. No chance to get wet in the hardest rain.

Hart Schaffner & Marx Overcoats \$16.50 to \$22.50.

Barnes' Special Overcoats \$5.00 to \$15.00.

Raincoats, \$10.00 to \$2